2006/018

Atty. Dkt. No. 003493.00517 (ATT 2001-0511)

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for establishing a Voice over Internet Protocol (VoIP) VoIP conference call by joining a first VoIP station in a communication between a plurality of communication stations, wherein at least one of the plurality of communication stations is a second VoIP station in a private network and said first VoIP station is in the private network, the method comprising:

receiving an indication at a Voice Conference Server (VCS) comprising a code number identifying a connection associated with the second VoIP station in the private network from the first VoIP station in the private network for joining a VoIP call between the plurality of communication stations, wherein said indication comprises a code number identifying an existing conversation between the second VoIP station in the private network and a phone in a public network. wherein said VCS is external to said first VoIP station and said plurality of communication stations;

establishing an RTP a Real-Time Transport Protocol (RTP) voice path with the first VoIP station and said VCS; and

managing data packet transmission between the first VoIP station and one of the plurality of communication stations via said VCS.

- 2. (Currently Amended) The method of claim 1 wherein at least one of the plurality of communication stations is a PSTN Public Switched Telephone Network (PSTN) phone.
- 3. (Original) The method of claim 1 wherein at least one of the plurality of communication stations is a VolP phone.

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- 4. (Original) The method of claim 1 wherein the indication comprises a switch signal from the first VoIP station.
- 5. (Canceled)
- 6. (Canceled)
- 7. (Currently Amended) The method of claim 1 further comprising informing the plurality of communication stations of the <u>a</u> status of the first VoIP station.
- 8. (Currently Amended) The method of claim 1 wherein <u>said</u> managing data packet transmission comprises mixing data packets from the first VoIP station and at least one of the plurality of communication stations.
- 9. (Currently Amended) The method of claim 8 where wherein said managing data packet transmission further comprises sending the mixed data packets to at least one of the plurality of communication stations.
- 10. (Currently Amended) The method of claim 1 wherein <u>said</u> managing data packet transmission comprises mixing data packets from the plurality of communication stations.
- 11. (Currently Amended) The method of claim 10 wherein <u>said</u> managing data packet transmission further comprises sending the mixed data packets to the first VoIP station.
- 12. (Original) The method of claim 1 further comprising indicating a busy status on the first VoIP station.
- 13. (Original) The method of claim 1 further comprising receiving an on-hook signal from the first VoIP station.

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- 14. (Original) The method of claim 1 further comprising receiving an on-hook signal from at least one of the plurality of communication stations.
- 15. (Currently Amended) The method of claim 14 wherein the <u>VoIP</u> call is disconnected.
- 16. (Currently Amended) A device for establishing a VelP Voice over Internet Protocol (VoIP) conference call by joining a first VoIP station in a communication between a plurality of communication stations, wherein at least one of the plurality of communication stations is a second VoIP station in a private network and said first VoIP station is in the private network, the device comprising:

a receiver in a Voice Conference Server (VCS) for receiving an indication comprising a code number identifying a connection associated with the second VoIP station in the private network from the first VoIP station in the private network for joining a call, wherein said indication comprises a code number identifying an existing conversation between the second VoIP station in the private network and a phone in a public network, wherein said VCS is external to said first VoIP station and said plurality of communication stations;

an apparatus <u>in said VCS</u> for setting up an RTP <u>a Real-Time Transport</u>

<u>Protocol (RTP)</u> voice path with the first VoIP station in response to the received signal for joining [[a]] <u>said</u> call; and,

an RTP mixer in said VCS for managing at least two VoIP stations and sending the mixed data packets to at least one VoIP station.

- 17. (Currently Amended) The device of claim 16 further comprising a status monitor for informing a VoIP call agent of the <u>a</u> status of the first VoIP station.
- 18. (Currently Amended) The device of claim 16 wherein at least one of the plurality of communication stations is a PSTN <u>Public Switched Telephone</u> Network (PSTN) phone.

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- 19. (Original) The device of claim 16 wherein at least one of the plurality of communication stations is a VolP phone.
- 20. (Canceled)
- 21. (Canceled)
- 22. (Canceled)
- 23. (Currently Amended) The device of claim 16 further comprising informing the plurality of communication stations of the <u>a</u> status of the first VolP station.
- 24. (Currently Amended) The device of claim 16 wherein <u>said</u> managing data packet transmission comprises mixing data packets from the first VolP station and at least one of the plurality of communication stations.
- 25. (Currently Amended) The device of claim 24 where wherein said managing data packet transmission further comprises sending the mixed data packets to the at least one of the plurality of communication stations.
- 26. (Currently Amended) The device of claim 16 wherein <u>said</u> managing data packet transmission comprises mixing data packets from the plurality of communication stations.
- 27. (Currently Amended) The device of claim 26 wherein <u>said</u> managing data packet transmission further comprises sending the mixed data packets to the first VoIP station.
- 28. (Original) The device of claim 16 further comprising indicating a busy status on the first VoIP station.

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- 29. (Original) The device of claim 16 further comprising receiving an on-hook signal from the first VoIP station.
- 30. (Original) The device of claim 16 further comprising receiving an on-hook signal from at least one of the second VoIP station and the at least one other station.
- 31. (Original) The device of claim 30 wherein the call is disconnected.
- 32. (New) The device of claim 16 wherein the indication comprises a switch signal from the first VoIP station.